



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Wednesday, December 20, 2017
Issued: 0800 CT

Day 1 Weather Impacts: *No significant weather expected.*

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



Prepared by: Jennifer McNatt
817-978-1100 x 147

Key Points



Wednesday - Thursday

- No significant weather expected
- Thursday will likely be the last warm day for a while over the northwestern half of the Region

Friday - Sunday

- Areas of heavy rain/flash flooding possible from the NE TX through AR on Friday into Saturday morning
- May see some light snow over northern portions of the Region Friday night into Saturday morning and perhaps again on Sunday morning; only light accumulations expected
- Much colder temperatures this weekend into Christmas Day across the Region

FEMA Region 6 Threat Matrix

Dec 20, 2017 through Dec 24, 2017

	WED	THU	FRI	SAT	SUN
Severe Weather					
Heavy Rain / Flash Flooding			NE TX, AR		
Fire Weather					
Winter				Northern portions of the Region	Northern portions of the Region
River Flooding	NE TX				

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

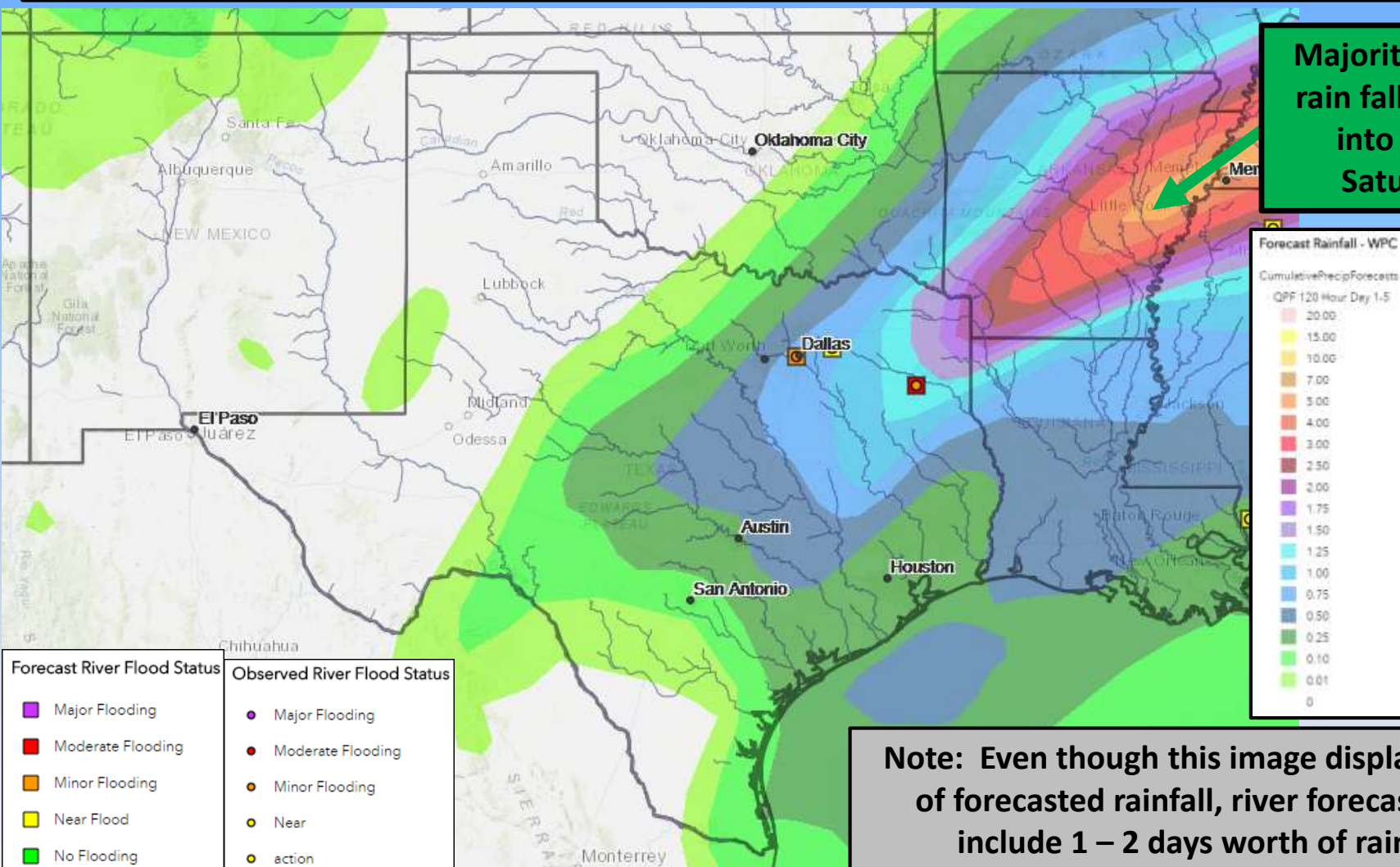
For more details on the colors in the threat matrix refer to the last slide in this briefing.



5-Day Precipitation Forecast & River Flood Status

A few points in NE TX rose into minor flood stage this morning after yesterday's rainfall but are expected to quickly fall. Additional rain on Friday may produce runoff and minor river flooding.

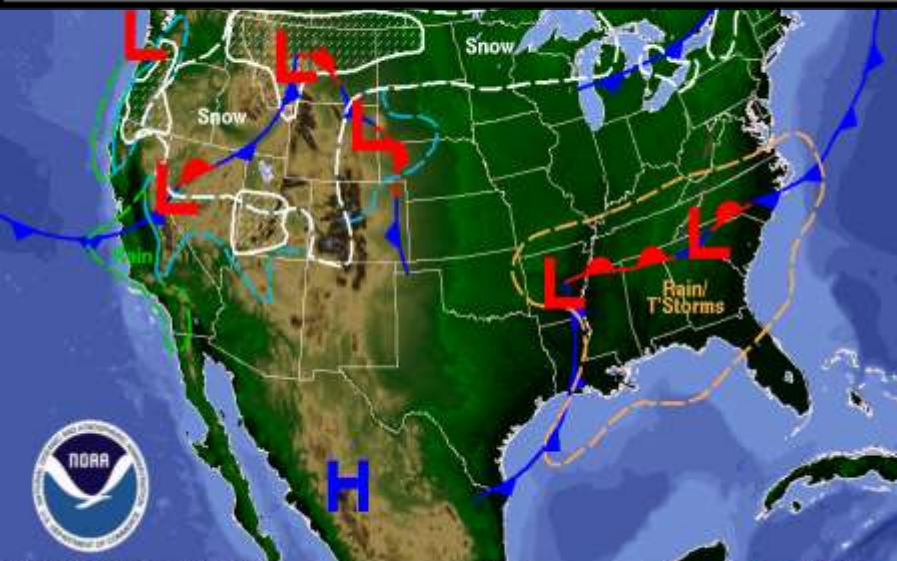
Majority of this rain falls Friday into early Saturday



Note: Even though this image displays 5 days of forecasted rainfall, river forecasts only include 1 – 2 days worth of rainfall.

For the latest on river flooding: <http://water.weather.gov/ahps>

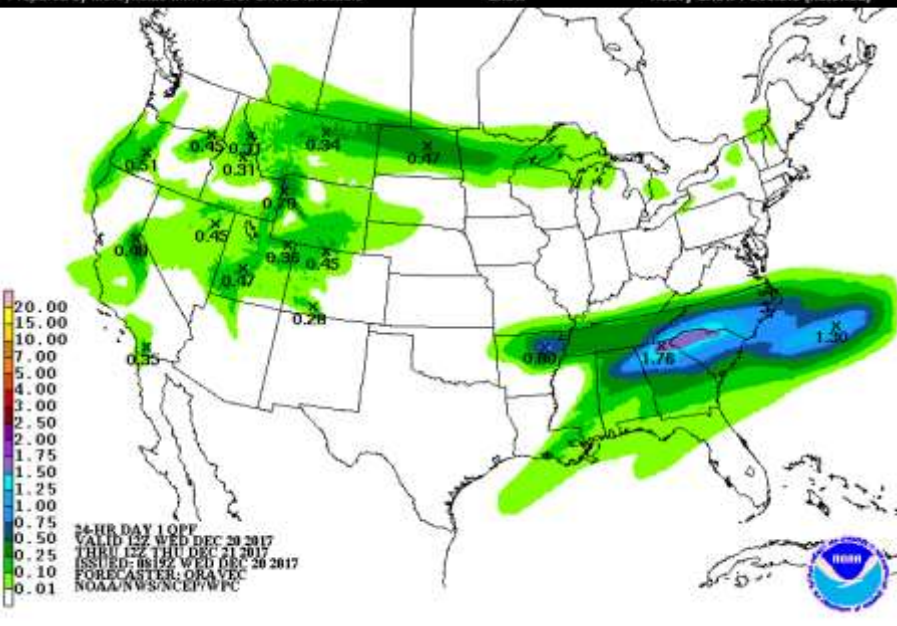
Today's Weather



Day 1 National Forecast Chart

Valid Wed, Dec 20, 2017, issued 4:35 AM EST
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



24-HR DAY 1 OPI
VALID 12Z WED DEC 20 2017
THRU 12Z THU DEC 21 2017
ISSUED: 06:42Z WED DEC 20 2017
FORECASTER: OBA/PC
NOAA/NWS/NCEP/WPC

No significant weather expected.

Severe Weather Outlook Wednesday, December 20, 2017



Last Updated: Dec 19 2017 11:52 PM CST

Valid until: Dec 21 2017 06:00 AM CST

Tomorrow's Weather

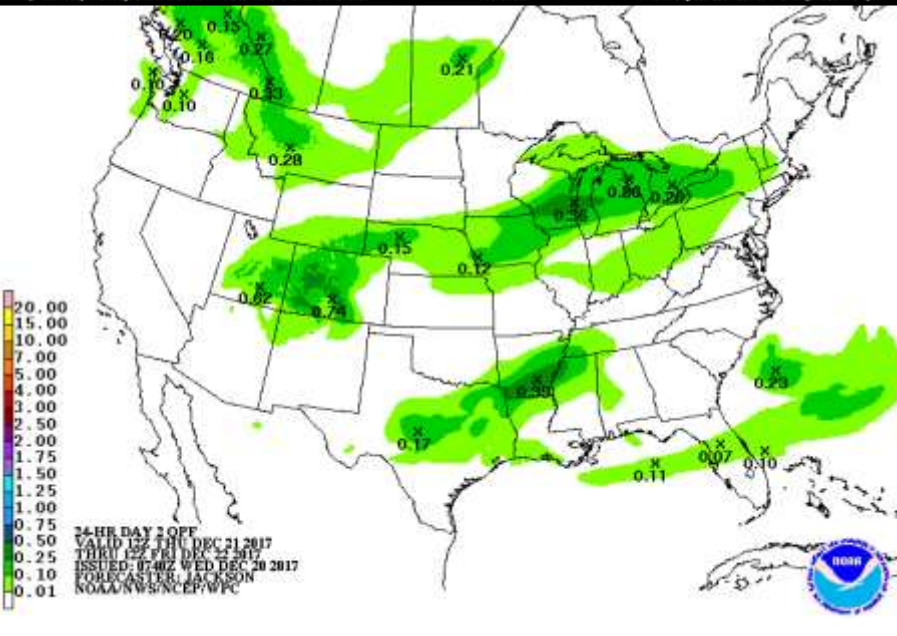
No significant weather expected. Last warm day for a while for the NW half of the Region.



Day 2 National Forecast Chart

Valid Thu, Dec 21, 2017, issued 4:38 AM EST Wed, Dec 20, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



24-HR DAY 2 OPT
VALID THU DEC 21 2017
THRU FRI DEC 22 2017
ISSUED 0740Z WED DEC 20 2017
FORECAST BY JACKSON
NOAA/NWS/NCEP/NHC

Highlighted Area: FEMA Region 8

Severe Weather Outlook Thursday, December 21, 2017

Last Updated: Dec 20 2017 1213 AM CST
Valid Until: Dec 22 2017 0600 AM CST



NOAA
National Weather Service
Storm Prediction Center
<http://www.spc.noaa.gov>

5 High
4 Moderate
3 Enhanced
2 Slight
1 Marginal
Thunder

Friday's Weather



Day 3 National Forecast Chart

Valid Fri, Dec 22, 2017, issued 4:42 AM EST Wed, Dec 20, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T Storms
Rain and Snow
Snow

Flash Flooding Possible (hatched)
Severe T Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

Areas of heavy rain/flash flooding possible from the ArkLaTex through S-Central AR.



34-HR DAY 3 O/PF
VALID 12Z FRI DEC 22 2017
THRU 12Z SAT DEC 23 2017
ISSUED 6:40Z WED DEC 20 2017
FORECASTER JAT/SON
NOAA/NWS/NCEP/WPC



Severe Weather Outlook
Friday, December 22, 2017

Last Updated: Dec 20 2017 6:29 AM CST
Valid Until: Dec 23 2017 0600 AM CST







Day 4-5 Weather Hazards

Saturday - Sunday



May see some light snow over northern portions of the Region Friday night/Saturday morning and perhaps again on Sunday morning; only light accumulations expected

Bitterly cold temperatures this weekend with single digit (and some negative single digit) wind chill temperatures possible Sunday morning for northwest portions of the Region

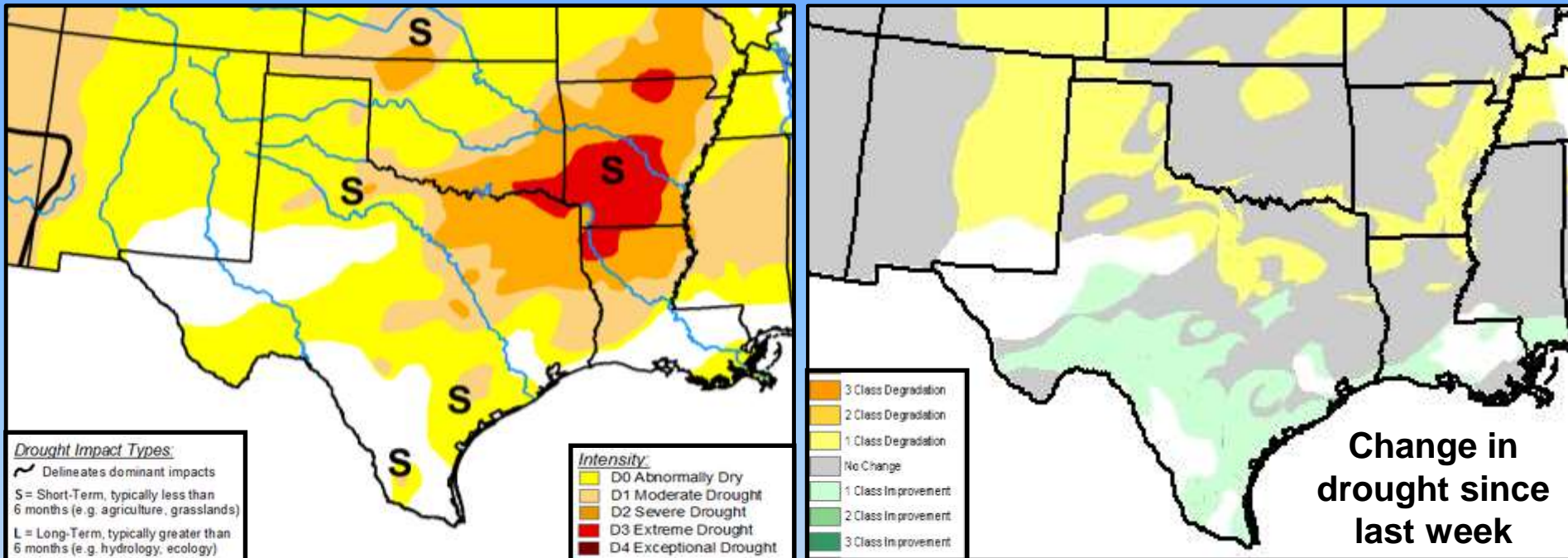
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released December 14, 2017

Data valid as of 6am CST, Tuesday, December 12, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	42.40%	26.13%	0.00%	0.00%
Louisiana	7.07%	0.00%	0.00%	0.00%
Oklahoma	3.12%	0.78%	0.00%	3.14%
Texas	0.76%	0.00%	0.00%	0.04%
New Mexico	0.00%	0.00%	0.00%	0.00%

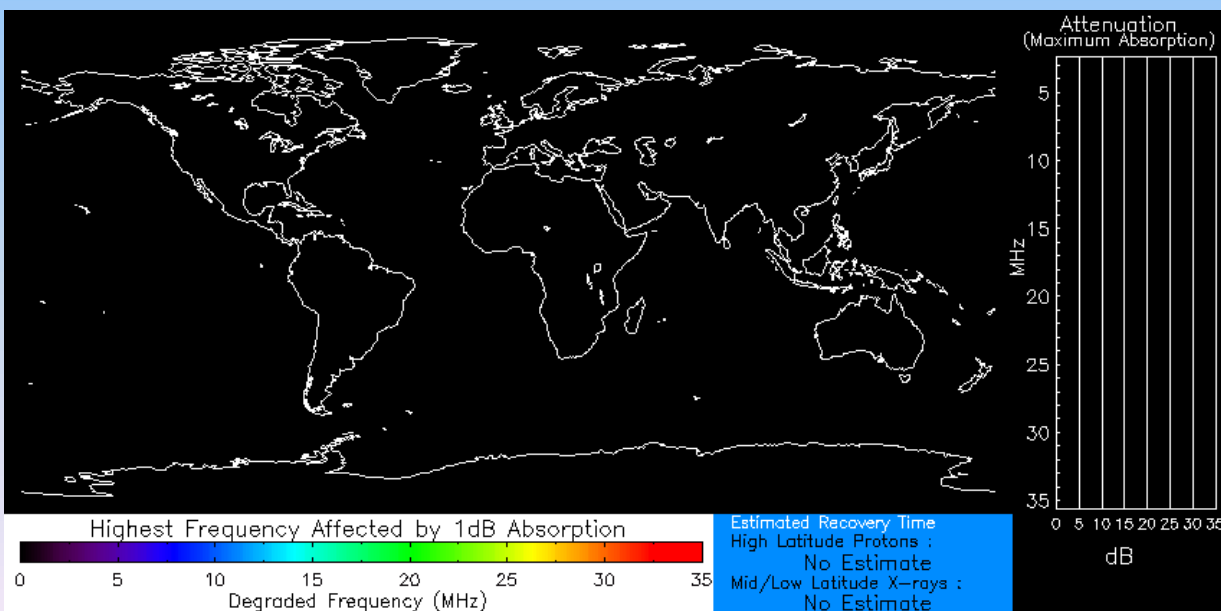
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal Proton Background
NOAA/SWPC Boulder, CO USA



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

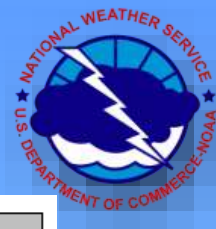
facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms